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Certificate of Analysis

Client:	Waikato Regional Council	**Lab No:**	4158500 SPv1
Contact:	WRC Labtest C/- Waikato Regional Council Private Bag 3038 Waikato Mail Centre Hamilton 3240	**Date Received:**	30-Mar-2026
		Date Reported:	02-Apr-2026
		Quote No:	88618
		Order No:	40102
		Client Reference:	East Coast Coastal recreational water quality
		Submitted By:	Nathan Singleton

Sample Type: Saline

Sample Name:		73_1 (Buffalo Beach) 30-Mar-2026 9:41 am	181_1 (Hot Water Beach) 30-Mar-2026 10:27 am	937_1 (Tairua) 30-Mar-2026 11:09 am	938_14 (Pepe Stm Bridge) 30-Mar-2026 11:23 am	743_2 (Pauanui) 30-Mar-2026 12:15 pm
Lab Number:		4158500.1	4158500.2	4158500.3	4158500.4	4158500.5
Escherichia coli	MPN / 100mL	-	-	-	426	-
Enterococci	MPN / 100mL	20	< 10	< 10	121	10

Sample Name:		1817_2 (Onemana) 30-Mar-2026 1:01 pm	1297_14 (Whangamata Harbour) 30-Mar-2026 1:20 pm	1296_2 (Whangamata) 30-Mar-2026 1:33 pm	1324_3 (Whiritoa) 30-Mar-2026 2:00 pm
Lab Number:		4158500.6	4158500.7	4158500.8	4158500.9
Escherichia coli	MPN / 100mL	-	20	-	-
Enterococci	MPN / 100mL	< 10	10	10	10

Summary of Methods

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively simple matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis. A detection limit range indicates the lowest and highest detection limits in the associated suite of analytes. A full listing of compounds and detection limits are available from the laboratory upon request. Unless otherwise indicated, analyses were performed at Hill Labs, 28 Duke Street, Frankton, Hamilton 3204.

Sample Type: Saline

Test	Method Description	Default Detection Limit	Sample No
Filtration to obtain filter for PHF microbial source tracking*	Sterile filtration of water sample. Filter paper stored frozen in GITC Buffer, pending possible future microbial source tracking analysis.	-	4
Escherichia coli	MPN count using Colilert 18 (Incubated at 35°C for 18 hours). APHA 9223 B : Online Edition.	10 MPN / 100mL	4, 7
Enterococci	MPN count using Enterolert, Incubated at 41°C for 24 hours. MIMM 12.4, APHA 9230 D : Online Edition.	10 MPN / 100mL	1-9

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Testing was completed between 01-Apr-2026 and 02-Apr-2026. For completion dates of individual analyses please contact the laboratory.

Samples are held at the laboratory after reporting for a length of time based on the stability of the samples and analytes being tested (considering any preservation used), and the storage space available. Once the storage period is completed, the samples are discarded unless otherwise agreed with the customer. Extended storage times may incur additional charges.

This certificate of analysis must not be reproduced, except in full, without the written consent of the signatory.

Shobhna Ram BSc
Team Leader - Microbiology

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The tests reported herein have been performed in accordance with the terms of accreditation, with the exception of tests marked * or any comments and interpretations, which are not accredited.